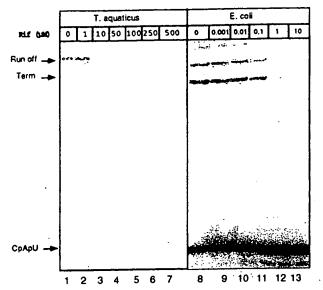
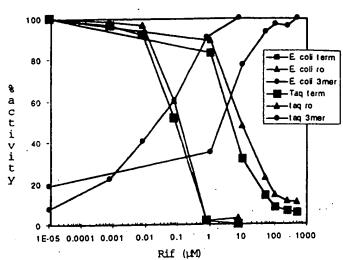
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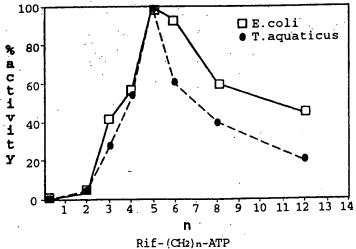
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b

| Pol | E. coli holo | | | | | | | | Taq holo | | | | | | | |
|-------------------|-----------------------|------------------|---|---|---|---------|-----|-----|----------|--|-----|------|-----|-----|-----|-----|
| Rif-(CH2)n-ATP n= | 0 | 2 | 3 | 4 | 5 | 6 | 8 | 12 | 0 | 2 . | 3 | 4 | 5 | 6 | 8 | 12 |
| | 1 2 | 5 m 3. ≪ 1 3. | | | | | | 110 | | | | | | | | Car |
| if-(CH2)n-Ap*UTP | · · · | 7. | | | | | | | 17 | | | 0.54 | | 2.3 | 310 | *** |
| / m/ 45 0 | | - 3 | | | | alen al | 260 | 的关系 | . : | 33. | 200 | | | | 144 | |
| | : | ue f | | | | | | | | | | | | | | |
| - (Saa), 12 | • | ACF. | | | | | | | | The state of the s | | | | | | |
| ▶ | : LOO 1 | ur. | | | | | | | | | | | No. | | | |

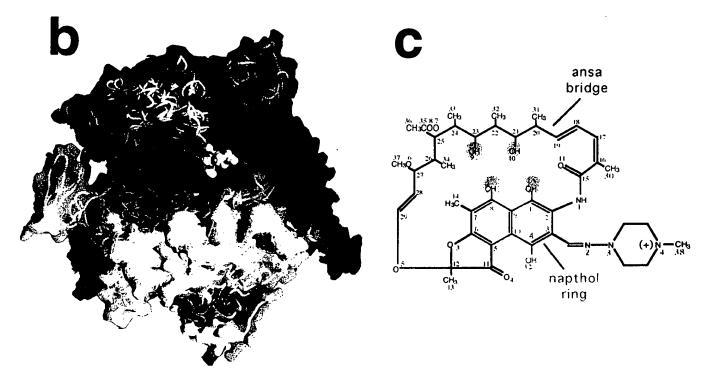


Campbell et al., Fig. 2



a



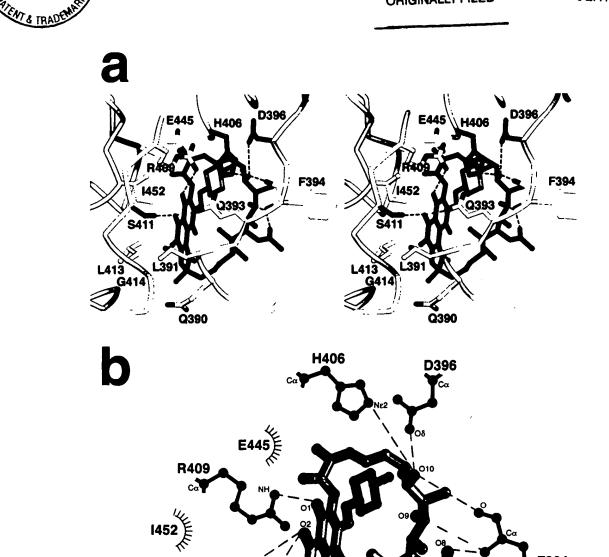


Campbell et al., Fig. 3

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Campbell et al., Fig. 4

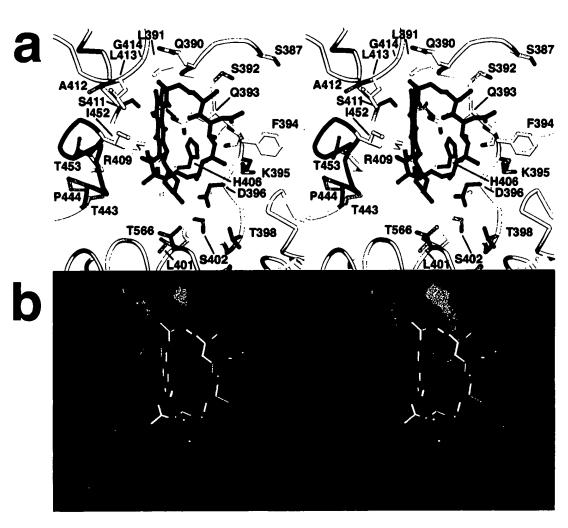
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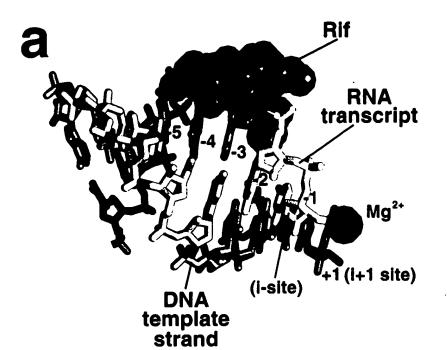
Campbell et al., Fig. 5



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b

Minimal scaffold

76543

RNA ⁵ÁAAUCGC^{3'}
A†††ÁĠĊĠĠĊŢĢŢŢĄĄĄĢŢ^{5'} **T** DNA
ÁCAATTTCA_{3'} **NT**

| +Rif Scaffold RNA=X nt RNA=X nt Scaffold RNA=X nt +Rif —Rif X= 3 4 5 6 7 3 4 5 6 7 3 4 5 6 7 | | | | | | | | E | coli | Pol | , | | | | | | | |
|---|----|------|---|---|---|---|---|-----|------|-----|------|---|---|---|---|---|--|--|
| RNA=X nt | | +Rif | | | | | | | | | | | | | | | | |
| | | | | | | | • | Rif | | | _Rif | | | | | | | |
| | Χ= | 3 | 4 | 5 | 6 | 7 | 3 | 4 | 5 | 6 | 7 | 3 | 4 | 5 | 6 | 7 | | |
| | | | | | | | | | | | | | | | | | | |

| | | | | | | | | Taq | Pol | | | | | | | |
|----|------|-----|-------------|-------------|----|----|----|---------------|------------|----|----------------------|---------|----|----|----|--|
| | +Rif | | | | | | | caffe A=: | ild Knt | | Scaffold RNA=X nt | | | | | |
| | | | caff NA= | old X nt | | | | +Ŗij | • | | —Rif | | | | | |
| X= | 3 | 4 | 5 | 6 | 7 | 3 | 4 | 5 | 6 | 7 | 3 | 4 | 5 | 6 | 7 | |
| | | | | | | _ | | | | | | | | | | |
| | 16 | i 1 | 7 18 | 3 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | - 27 | 28 | 29 | 30 | |

Campbell et al., Fig. 6



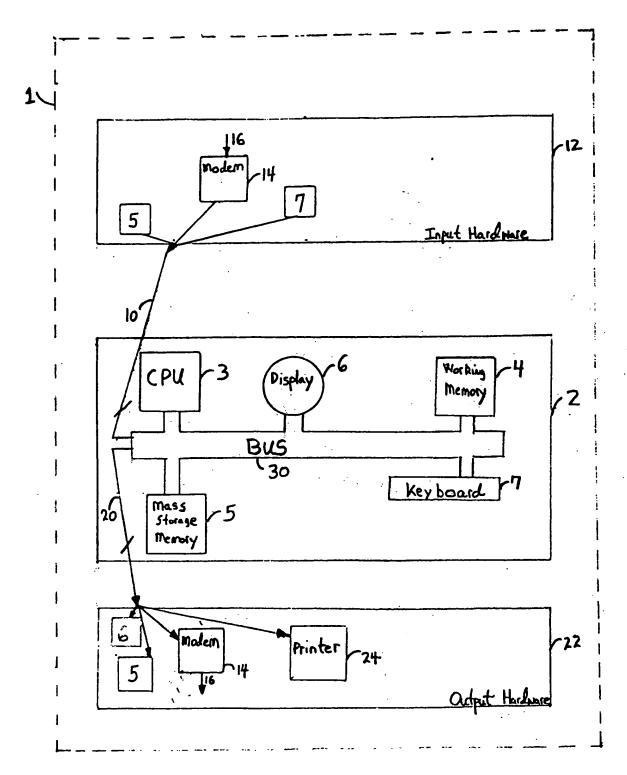


Figure 7